1.3 Megapixel H.264 HD Outdoor Dome Camera with LightCatcher[™] Technology

Avigilon's end-to-end surveillance solutions deliver image detail no other system can match. Avigilon Control Center software, featuring High Definition Stream Management (HDSM)[™] technology combined with our broad range of megapixel cameras (from 1 MP to 29 MP) provide unprecedented clarity—while effectively managing storage and bandwidth requirements. Our components are scalable and can work together in an end-to-end system, or can be customized to create your own powerful and cost-effective solution.

The innovative H.264 HD dome camera is just one way Avigilon can help provide the very best monitoring and protection.



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exist, capturing a crisp image in color can have a significant impact in the ability to recognize, identify and respond effectively to incidents that may occur. Avigilon's 1.3 MP H.264 HD camera features advanced LightCatcher[™] technology, which collects significantly more detail from a lowlight scene to produce a higher quality color image with less noise. Onboard storage capabilities let you manage storage directly on the camera using a standard SD memory card. Operating on Avigilon's upgraded H3 platform, this camera is ONVIF compliant for seamless integration with the Avigilon Control Center and other leading VMS solutions. Avigilon's 1.3 MP HD camera with LightCatcher[™] technology is ideal for all situations where surveillance with monochrome images is not acceptable, such as hotel lobbies, restaurants, stairwells, or commercial premises



KEY FEATURES

1.3 megapixel progressive scan CMOS sensor
Avigilon LightCatcher [™] technology provides unsurpassed image quality in low light environments
Available with 3-9 mm F1.2 or 9-22 mm F1.6 P-Iris lens with remote focus and zoom
30 images per second at full resolution
71 dB true dynamic range
SD card slot for onboard storage support
H.264 and Motion JPEG compression
ONVIF API compliance with version 1.02, 2.00 and Profile S
Multiple video streams
Automatic removable IR cut filter for IR sensitivity at night
Power over Ethernet, 24 VAC or 12 VDC power input
Audio Input and Output
Analog Video Output
External I/O
Vandal resistant construction and IP66 compliant

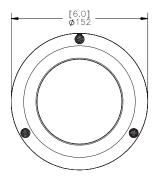
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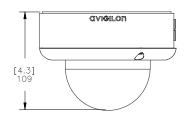


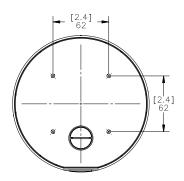
Specifications

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CAMERA	Image Sensor	1/3" progressive scan CMOS				
	Active Pixels	1280 (H) × 1024 (V) 4.8 mm (H) × 3.84 mm (V); 0.189" (H) × 0.151" (V)				
	Imaging Area					
	Minimum Illumination	0.02 lux (F1.2) in color mode; 0.002 lux 0.04 lux (F1.6) in color mode; (F1.2) in monochrome mode 0.004 lux (F1.6) in monochrome mode				
	Dynamic Range	71 dB				
	Lens	3-9 mm, F1.2, P-Iris, remote focu	cus and zoom 9-22 mm, F1.6, P-Iris, remote focus and zoom		.6, P-Iris, remote focus	
	Angle of View	30° - 88°	13° - 30°			
	Image Compression Method	H.264 (MPEG-4 Part 10/AVC), Motion JPEG				
	Image Rate	30 (all resolutions) Multi-stream H.264 and Motion JPEG				
	Streaming					
	Resolution Scaling Down to 768 x 432					
	Motion Detection	Selectable sensitivity and threshold				
	Electronic Shutter Control	Automatic, Manual (1/6 to 1/2000 sec)				
	Iris Control	Automatic, Manual				
	Day/Night Control	Automatic, Manual				
	Flicker Control	50 Hz, 60 Hz				
	White Balance	Automatic, Manual				
	Backlight Compensation	Adjustable Up to 64 zones				
	Privacy Zones					
	Audio Compression Method	G.711 PCM 8 kHz				
	Audio Input	Line input, A/V mini-jack (3.5 mm)				
	Audio Output	Line level, A/V mini-jack (3.5	imm)			
	Video Output	NTSC/PAL, A/V mini-jack (3.5	5 mm)			
	External I/O Terminals	Alarm In, Alarm Out	Alarm In, Alarm Out			
NETWORK	Network	100BASE-TX				
	Cabling Type	CAT5				
	Connector	RJ-45				
	API	ONVIF compliance version 1.02, 2.00, Profile S (www.onvif.org)				
	Security	Password protection, HTTPS encryption, digest authentication, WS authentication, user access log, 802.1x port based authentication.				
	Protocol	IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RTCP, RTP, TCP, UDP, IGMP, ICMP, DHCP, Zeroconf, ARP				
	Streaming Protocols	RTP/UDP, RTP/UDP multicast, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/RTSP/ HTTPS/TCP, HTTP				
MECHANICAL	MECHANICAL Dimensions (ØxH) 152 mm x 109 mm (6.0" x 4.3")					
	Weight	1.28 kg (2.82 lbs)				
	Dome Bubble	Polycarbonate, clear				
	Body	Aluminum				
	Housing	Surface mount, vandal resist	Surface mount, vandal resistant			
	Finish	Powder coat, cool gray 2				
	Adjustment Range	360° pan, 180° tilt (122° tilt with -IR option), 180° azimuth				
	Onboard Storage	SD/SDHC/SDXC slot – minimum class 4; class 6 or better recommended				
ELECTRICAL	Power Consumption	9 W				
	Power Source	VDC: 12 V +/- 10%, 10 W min VAC: 24 V +/- 10%, 12 VA min PoE: IEEE802.3af Class 3 compliant				
	Power Connector	2-pin terminal block				
ENVIRONMENTAL	Operating Temperature	-30°C to +50°C (-22°F to 122°F)				
	Storage Temperature	-10°C to +70°C (14°F to 158°F)				
CERTIFICATIONS	Safety		EN 60950-1 CE		ROHS WEEE	
	Environmental			Weather Ratin		
	Electromagnetic Emissions		IC ICES-003		EN 55022 Class B	
	Electromagnetic Immunity	EN 55024	EN 61000-4- EN 61000-4-		EN 61000-4-6 EN 61000-4-11	
ORDERING INFORMATION						
	1.3L-H3-DO2	1.3 Megapixel H.264 HD 9-22 mm Outdoor Dome Camera with LightCatcher™ Technology				
	H3-DOP-SMOKE	Dome Camera Cover with Smoked Bubble				

Outline Dimensions











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